



**Carryl MacLeod**  
Project Manager, Marketing Business Unit

Alameda County Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**RECEIVED**

By Alameda County Environmental Health 8:36 am, Jun 23, 2017

Re: Former Chevron Service Station No. 90019  
210 Grand Avenue  
Oakland, California  
ACEH Case RO0000137

I have read and acknowledge the content, recommendations and/or conclusions contained in the attached *First Semi-Annual 2017 Groundwater Monitoring and Sampling Report* submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker website.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge

Sincerely,

Carryl MacLeod  
Project Manager

Attachment: *First Semi-Annual 2017 Groundwater Monitoring and Sampling Report*



June 22, 2017

Reference No. 632327D

Mr. Mark Detterman, P.G., C.E.G.  
Alameda County Environmental Health (ACEH)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**Re: First Semi-Annual 2017 Groundwater Rebound Monitoring Report  
Former Chevron Service Station 90019  
210 Grand Avenue  
Oakland, California  
Case No. RO0000137**

Dear Mr. Detterman:

GHD is submitting this *First Semi-Annual 2017 Groundwater Rebound Monitoring Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Rebound monitoring is being performed per ACEH's letter dated May 20, 2016 (Attachment A). Groundwater monitoring and sampling was performed by Gettler-Ryan, Inc. (G-R) of Dublin, California and their First Semi Annual 2017 Groundwater Monitoring and Sampling Data package is included as Attachment B. Previous and current groundwater monitoring and sampling data are included in Table 1 and current data are presented on Figure 2. Eurofins Lancaster Laboratory Environmental, LLCs' Analytical Results report is included as Attachment C. Historical groundwater monitoring and sampling data are included as Attachment D.

## 1. Results of First Semi-Annual 2017 Event

G-R monitored and sampled the site wells on April 6, 2017 per the established schedule with the exception of wells MW-4 and MW-8. A car was parked over well MW-4, and well MW-8 was unable to be located. Results of the current monitoring event indicate the following:

Groundwater Flow Direction	Northwest
Hydraulic Gradient	0.03
Approximate Depth to Water	1 to 5 feet below grade



Results of the current sampling event are presented below in Table A.

Table A: Groundwater Analytical Data

Well ID	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
ESL	100	1	40	13	20	5
MW-4	Inaccessible – car parked over well					
MW-5	31,000	1,600	650	2,600	3,500	<10
MW-6	<100	<1	<1	<1	<1	<1
MW-7	<100	<1	<1	<1	<1	0.8J
MW-8	Unable to locate – paved over					
MW-9	<100	<1	<1	<1	<1	<1
<	Indicates constituent was not detected at or above stated laboratory reporting limit					
µg/L	Micrograms per liter					
J	Estimated value (the result method result > the detection limit < the limit of quantitation)					
ESL	San Francisco Regional Water Quality Control Board's Tier 1 Environmental Screening Levels February 2016					

## 2. Conclusions

Based on the first semi-annual 2017 analytical data, GHD concludes the following:

- Dissolved hydrocarbons appear limited to well MW-5 and are within historical concentrations.
- Dissolved concentrations are defined downgradient by well MW-6.
- Methyl tertiary butyl ether (MTBE) in groundwater is below laboratory detection limits and/or environmental screening levels (ESLs).

## 3. Anticipated Future Activities

### **Groundwater Monitoring**

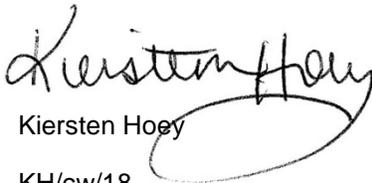
G-R will monitor and sample site wells during the fourth quarter 2017. GHD will submit a groundwater monitoring and sampling report.



We appreciate your assistance on this project. Please contact Chevron Project Manager Carryl MacLeod at (925) 842-3201 or GHD Project Manager Kiersten Hoey at (510) 420-3347 if you have any questions or require additional information.

Sincerely,

GHD

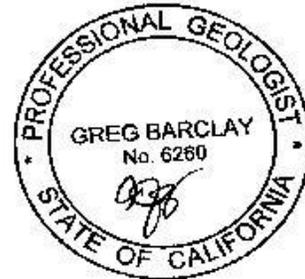


Kiersten Hoey

KH/cw/18  
Encl.



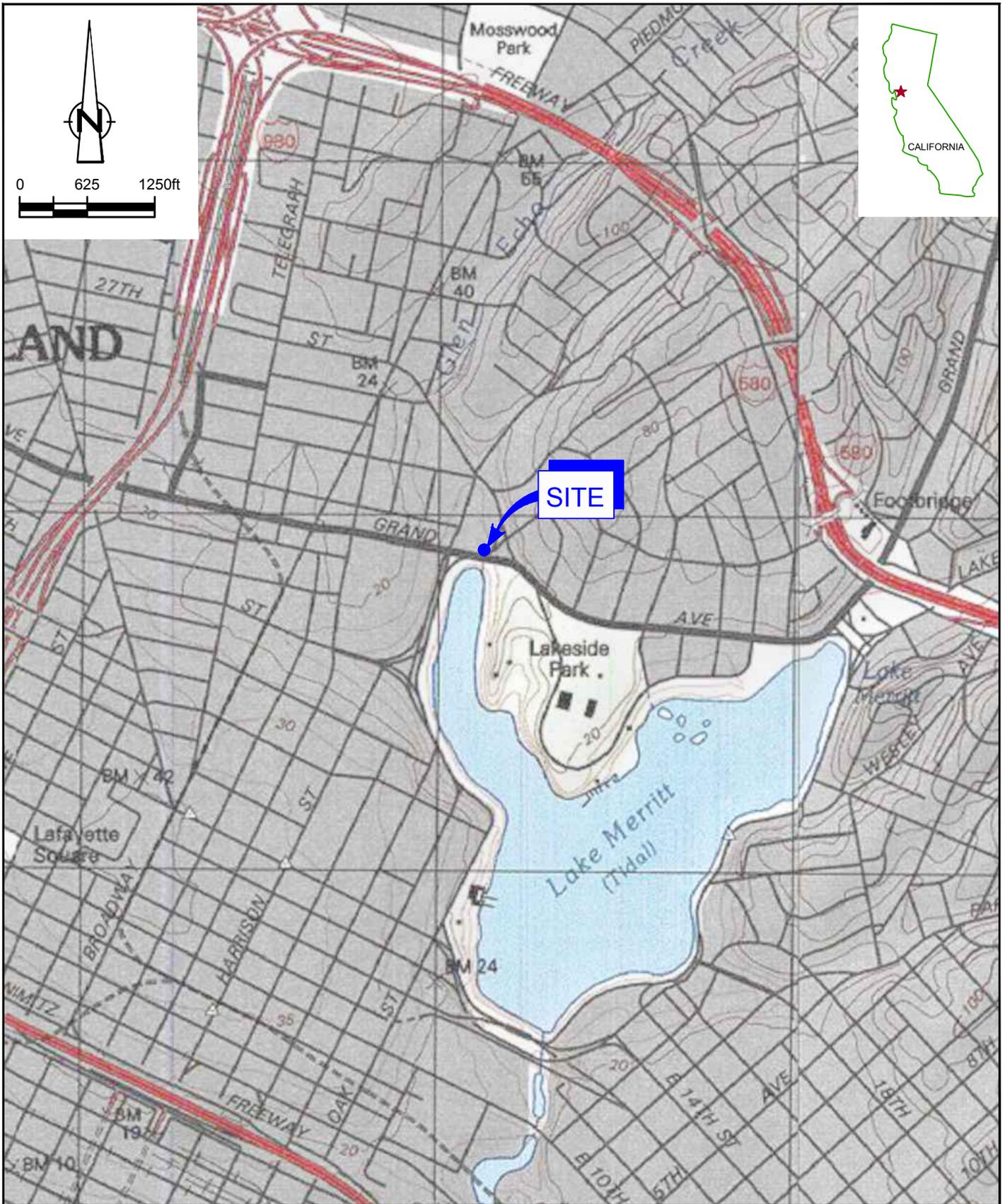
Greg Barclay, PG 6260



- Figure 1 Vicinity Map
- Figure 2 Groundwater Elevation and Hydrocarbon Concentration Map
- Table 1 Groundwater Monitoring and Sampling Data
- Attachment A May 20, 2016 ACEH Letter
- Attachment B Monitoring Data Package
- Attachment C Laboratory Analytical Report
- Attachment D Historical Groundwater Monitoring and Sampling Data

cc: Ms. Carryl MacLeod, Chevron EMC (*electronic copy*)  
Mr. Anthony Reese, City of Oakland

# Figures



SOURCE: TOPO MAPS

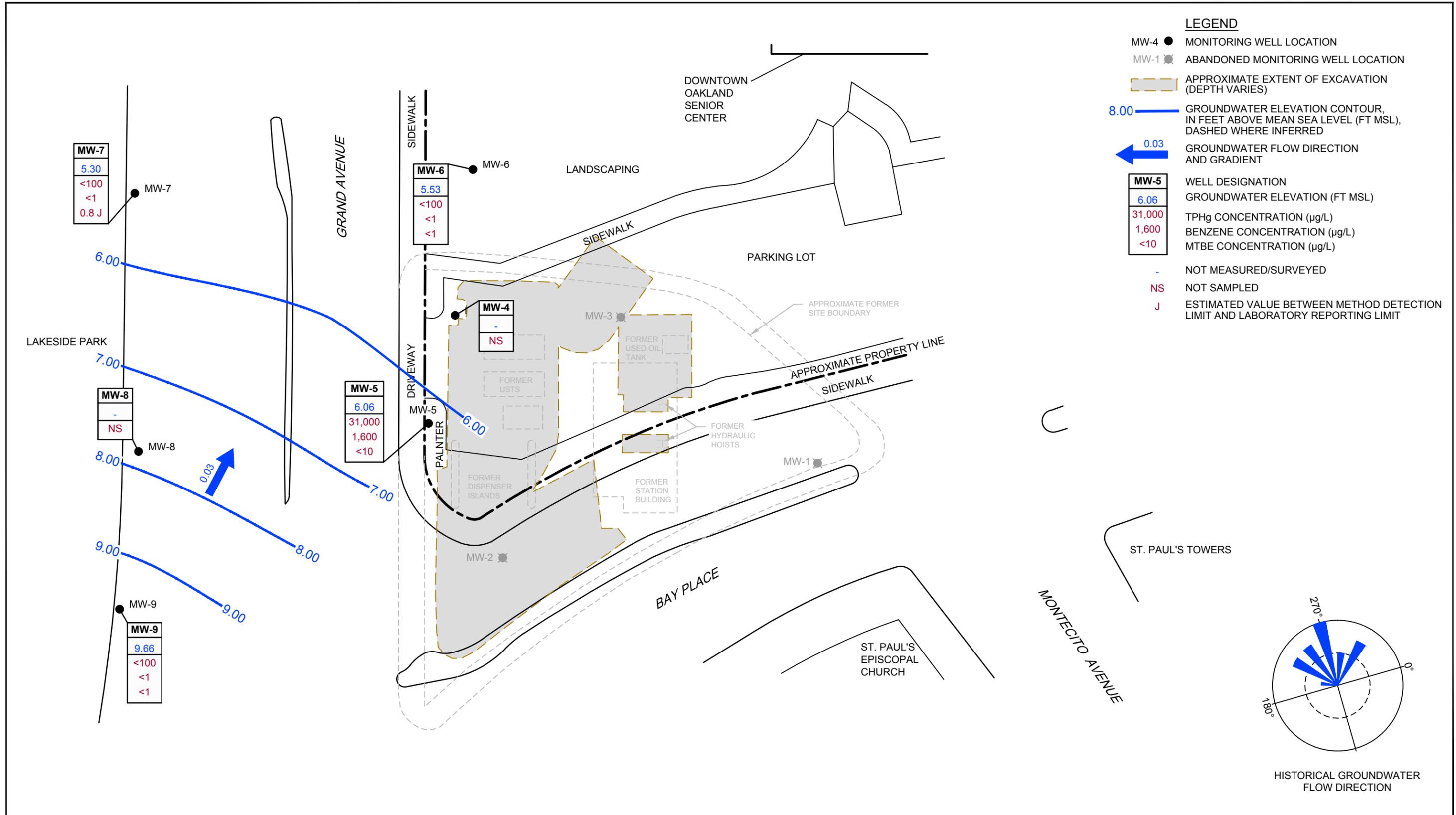


FORMER CHEVRON SERVICE STATION 90019  
 210 GRAND AVENUE  
 OAKLAND, CALIFORNIA

632327D-95  
 May 31, 2017

VICINITY MAP

FIGURE 1



SOURCE: BASEMAP MODIFIED FROM DRAWING PROVIDED BY GETTLER-RYAN



FORMER CHEVRON SERVICE STATION 90019  
 210 GRAND AVENUE  
 OAKLAND, CALIFORNIA  
 GROUNDWATER ELEVATION AND HYDROCARBON  
 CONCENTRATION MAP - APRIL 6, 2017

632327D-95  
 Jun 13, 2017

FIGURE 2

# Table

Table 1

**Groundwater Monitoring and Sampling Data  
Former Chevron Service Station 90019  
210 Grand Avenue  
Oakland, California**

Location	Date	TOC	DTW	GWE	HYDROCARBONS	PRIMARY VOCS				
					TPH-GRO	B	T	E	X	MTBE by SW6260
Locaug/ion	Units	ft	ft	ft-amsl	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-4	10/24/2013	10.03	4.73	5.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-4	06/15/2016	10.03	-	-	-	-	-	-	-	-
<b>MW-4</b>	<b>4/6/2017<sup>1</sup></b>	<b>10.03</b>	-	-	-	-	-	-	-	-
MW-5	10/24/2013	10.99	4.89	6.10	23,000	1,100	390	1,200	1,900	<1
MW-5	06/15/2016	10.99	4.75	6.24	18,000	700	410	980	2,500	<5
<b>MW-5</b>	<b>04/06/2017</b>	<b>10.99</b>	<b>4.93</b>	<b>6.06</b>	<b>31,000</b>	<b>1,600</b>	<b>650</b>	<b>2,600</b>	<b>3,500</b>	<b>&lt;10</b>
MW-6	10/24/2013	10.23	5.48	4.75	-	-	-	-	-	-
MW-6	06/15/2016	10.23	-	-	-	-	-	-	-	-
<b>MW-6</b>	<b>04/06/2017</b>	<b>10.23</b>	<b>4.70</b>	<b>5.53</b>	<b>&lt;100</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>
MW-7	10/24/2013	8.08	3.80	4.28	-	-	-	-	-	-
MW-7	06/15/2016	8.08	-	-	-	-	-	-	-	-
<b>MW-7</b>	<b>04/06/2017</b>	<b>8.08</b>	<b>2.78</b>	<b>5.30</b>	<b>&lt;100</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>0.8 J</b>
MW-8	10/24/2013	9.88	-	-	-	-	-	-	-	-
MW-8	06/15/2016	9.88	-	-	-	-	-	-	-	-
<b>MW-8</b>	<b>4/6/2017<sup>2</sup></b>	<b>9.88</b>	-	-	-	-	-	-	-	-
MW-9	10/24/2013	10.74	3.90	6.84	-	-	-	-	-	-

Table 1

**Groundwater Monitoring and Sampling Data  
Former Chevron Service Station 90019  
210 Grand Avenue  
Oakland, California**

Location	Date	TOC	DTW	GWE	HYDROCARBONS	PRIMARY VOCS				
					TPH-GRO	B	T	E	X	MTBE by SW6260
Locaug/ion	Units	ft	ft	ft-amsl	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-9	06/15/2016	10.74	-	-	-	-	-	-	-	-
<b>MW-9</b>	<b>04/06/2017</b>	<b>10.74</b>	<b>1.08</b>	<b>9.66</b>	<b>&lt;100</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>
QA	10/24/2013	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	6/15/2016	-	-	-	<100	<1	<1	<1	<1	<1
<b>QA</b>	<b>4/6/2017</b>	-	-	-	<b>&lt;100</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>	<b>&lt;1</b>

**Abbreviations and Notes:**

TOC = Top of Casing

DTW = Depth to Water

GWE = Groundwater elevation

(ft-amsl) = Feet Above Mean sea level

ft = Feet

µg/L = Micrograms per Liter

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylene

MTBE = Methyl tert butyl ether

-- = Not available / not applicable

Table 1

**Groundwater Monitoring and Sampling Data  
Former Chevron Service Station 90019  
210 Grand Avenue  
Oakland, California**

Location	Date	TOC	DTW	GWE	HYDROCARBONS	PRIMARY VOCS				
					TPH-GRO	B	T	E	X	MITBE by SW6260
Locaug/ion	Units	ft	ft	ft-amsl	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L

<x = Not detected above laboratory method detection limit

- 1 Inaccessible
- 2 Unable to locate

# Attachment A

## Regulatory Agency Correspondence



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

May 20, 2016

Mr. Mark Horne  
Chevron Environmental Management Co.  
6101 Bollinger Canyon Road  
San Ramon, CA 94583  
(Sent via electronic mail to:  
[MarkHorne@chevron.com](mailto:MarkHorne@chevron.com))

Mr. Mark Johannes Arniola  
City of Oakland  
250 Frank Ogawa Plaza, Suite 5301  
Oakland, CA 94612  
(Sent via electronic mail to:  
[marniola@oaklandnet.com](mailto:marniola@oaklandnet.com))

Subject: Rebound Monitoring and Discharge Sampling; Fuel Leak Case No. RO0000137 and Geotracker Global ID T0600100313, Chevron #9-0019, 210 Grand Avenue, Oakland, CA 94610

Dear Messrs. Horne and Arniola:

Alameda County Department of Environmental Health (ACDEH) has reviewed the case file, including the *Amended SGMP and Memo Regarding Mass and Hydrocarbon Migration Calculations*, dated February 19, 2015, that was prepared and submitted on your behalf by Conestoga-Rovers & Associates (CRA; currently GHD). Calculations in the referenced document appear to indicate that hydrocarbon contaminant concentrations from intercepted groundwater contributed from the subject site do not exceed freshwater Environmental Screening Levels (ESLs) at the discharge point for the system at Glen Echo Creek. The discharge point is directly downgradient at a distance of approximately 215 feet to the west of the storm water inlet, and 190 feet from the former western edge of the site.

ACDEH is of the opinion that limited additional information may allow a determination by ACDEH that the site is closable as a low-risk site. Based on the review of the case file ACDEH requests that you address the following technical comments and send us the documents requested below.

#### **TECHNICAL COMMENTS**

1. **Groundwater Rebound Monitoring Sampling** – As stated above, the referenced calculations appear to indicate that the discharge point concentrations for the stormwater system do not appear to exceed fresh water ESLs. Conversely, review of the most recent groundwater monitoring and sampling report (*Second Semi-Annual 2012 Groundwater Monitoring Report* dated December 12, 2012) indicates that groundwater concentrations in well MW-5 fluctuate significantly with time and limited groundwater elevation changes. For example, between September 2010 and September 2012, Total Petroleum Hydrocarbons as gasoline (TPHg) concentrations fluctuated between 1,900 micrograms per liter ( $\mu\text{g}/\text{l}$ ) to 35,000  $\mu\text{g}/\text{l}$ , and benzene fluctuated between 81  $\mu\text{g}/\text{l}$  to 1,300  $\mu\text{g}/\text{l}$ , while groundwater fluctuated between at 4.37 and 5.33 feet below grade surface (bgs). In general it appears that shallower groundwater earlier in a year coincides with higher groundwater contaminant concentrations.

Because these fluctuations occurred during drought conditions, it appears appropriate to ensure concentration rebound in well MW-5, during this El Nino year, is consistent with drought concentration rebound changes prior to closure.

2. **Outfall Sampling** – In an effort to develop multiple lines of evidence, it also appears appropriate to sample the stormwater discharge point. Recent site figures and associated utility plans indicate that the stormwater inlet box at the site is the end point of this leg of the stormwater conduit. This appears to be substantiated by a review of the site on Google Earth Street View. No upgradient underground input or surface water inlet boxes are present and thus no upgradient input is possible. Due to the

direct discharge of stormwater to Glen Echo Creek from a positively identified preferential pathway that intercepts contaminated groundwater, it appears that on dry days the sampling of the discharge point will provide representative groundwater attenuation and discharge concentration data for the storm drain at the point of discharge.

Due to a potentially relatively short window to sample the outlet coincident with higher groundwater levels, due to the end of the storm season, ACDHE requests the collection of outfall and groundwater samples, and the submittal of a report, by the identified below.

### **TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Mark Detterman), according to the following schedule:

- **July 15, 2016** – Groundwater Monitoring Report  
File to be named: RO137\_GWM\_R\_yyyy-mm-dd

Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>.

Should you have any questions, please contact me at (510) 567--6876 or send me an electronic mail message at [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org).

Sincerely,



Digitally signed by Mark Detterman  
DN: cn=Mark Detterman, o=ACEH,  
ou=ACEH,  
email=mark.detterman@acgov.org, c=US  
Date: 2016.05.20 15:49:38 -07'00'

Mark E. Detterman, PG, CEG  
Senior Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements/Obligations and  
Electronic Report Upload (ftp) Instructions

cc: Morgan Hargrave, Conestoga-Rovers & Associates, 10969 Trade Center Drive, Suite 107,  
Rancho Cordova, CA 95670; (sent via electronic mail to: [Morgan.Hargrave@ghd.com](mailto:Morgan.Hargrave@ghd.com))

Dilan Roe, ACDEH, (sent via e-mail to [dilan.roe@acgov.org](mailto:dilan.roe@acgov.org))

Mark Detterman, ACDEH, (sent via electronic mail to [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org))

Geotracker, Electronic File

## Attachment 1

### Responsible Party(ies) Legal Requirements / Obligations

#### REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

#### ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements ([http://www.waterboards.ca.gov/water\\_issues/programs/ust/electronic\\_submittal/](http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/)).

#### PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

#### UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

#### AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)</b>	<b>REVISION DATE:</b> May 15, 2014
	<b>ISSUE DATE:</b> July 5, 2005
	<b>PREVIOUS REVISIONS:</b> October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

## REQUIREMENTS

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection.**
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- **Signature pages and perjury statements must be included and have either original or electronic signature.**
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

RO#\_Report Name\_Year-Month-Date (e.g., RO#5555\_WorkPlan\_2005-06-14)

## Submission Instructions

- 1) Obtain User Name and Password
  - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
    - i) Send an e-mail to [deh.loptoxic@acgov.org](mailto:deh.loptoxic@acgov.org)
  - b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**
- 2) Upload Files to the ftp Site
  - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
    - (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
  - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
  - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
  - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
  - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
  - a) Send email to [deh.loptoxic@acgov.org](mailto:deh.loptoxic@acgov.org) notify us that you have placed a report on our ftp site.
  - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
  - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
  - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

# Attachment B

## Monitoring Data Package



# GETTLER-RYAN INC.



## TRANSMITTAL

April 14, 2017  
G-R #17156500

TO: Ms. Kiersten Hoey  
GHD  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

FROM: Deanna L. Harding  
Project Coordinator  
Gettler-Ryan Inc.  
6805 Sierra Court, Suite G  
Dublin, California 94568

RE: **Former Chevron Service Station  
#9-0019  
210 Grand Avenue  
Oakland, California  
RO 0000137**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package <b>First Semi Annual Event of April 6, 2017</b>

### COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced data for your use.

Please provide us the updated historical data prior to the next monitoring and sampling event for our field use.

Please feel free to contact me if you have any comments/questions.

trans/9-0019



## **STANDARD OPERATING PROCEDURE GROUNDWATER SAMPLING**

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells. Total well depths are measured annually.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by Clean Harbors Environmental Services to Seaport Environmental located in Redwood City, California.



# GETTLER - RYAN Inc.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0019 Job Number: 17156500  
 Site Address: 210 Grand Avenue Event Date: 4-6-17 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-4 Date Monitored: UTA  
 Well Diameter: 21④ in.  
 Total Depth: 13.78 ft.  
 Depth to Water: NA ft.  Check if water column is less than 0.50 ft.  
 \_\_\_\_\_ xVF \_\_\_\_\_ = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: \_\_\_\_\_

- |                              |                            |
|------------------------------|----------------------------|
| <b>Purge Equipment:</b>      | <b>Sampling Equipment:</b> |
| Disposable Bailer _____      | Disposable Bailer _____    |
| Stainless Steel Bailer _____ | Pressure Bailer _____      |
| Stack Pump _____             | Metal Filters _____        |
| Peristaltic Pump _____       | Peristaltic Pump _____     |
| QED Bladder Pump _____       | QED Bladder Pump _____     |
| Other: _____                 | Other: _____               |

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ ltr  
 Amt Removed from Well: \_\_\_\_\_ ltr  
 Water Removed: \_\_\_\_\_ ltr

Start Time (purge): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: \_\_\_\_\_ / \_\_\_\_\_ Water Color: \_\_\_\_\_ Odor: **Y / N**  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x vial	YES	HCL	EUROFINS	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: UTA: CAN PANKED OVER WELL. SEE PHOTO





# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0019 Job Number: 17156500  
 Site Address: 210 Grand Avenue Event Date: 4.6.17 (inclusive)  
 City: Oakland, CA Sampler: FR

Well ID: MW-5 Date Monitored: 4.6.17  
 Well Diameter: 214 in.  
 Total Depth: 11.09 ft.  
 Depth to Water: 4.93 ft.  Check if water column is less than 0.50 ft.  
6.16 xVF .66 = 4.06 x3 case volume = Estimated Purge Volume: 12.0 gal.  
 Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): 6.16

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one) \_\_\_\_\_  
 Amt Removed from Skimmer: \_\_\_\_\_ ltr  
 Amt Removed from Well: \_\_\_\_\_ ltr  
 Water Removed: \_\_\_\_\_ ltr

Start Time (purge): 0830 Weather Conditions: CLOUDY / LT. RAIN  
 Sample Time/Date: 1000 4-6-17 Water Color: CLEAR Odor: 0 / N STRONG  
 Approx. Flow Rate: 2.0 gpm. Sediment Description: NONE  
 Did well de-water? yes If yes, Time: 0833 Volume: 6.0 gal. DTW @ Sampling: 6.05

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (15) mS μmhos/cm	Temperature (10) (F)	D.O. (mg/L)	ORP (mV)
<u>0832</u>	<u>4.0</u>	<u>7.60</u>	<u>1409</u>	<u>18.5</u>		
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>EUROFINS</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

COMMENTS: SHEEN PRESENT IN H2O



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0019 Job Number: 17156500  
 Site Address: 210 Grand Avenue Event Date: 4-6-17 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-6 Date Monitored: 4-6-17  
 Well Diameter: 214 in.  
 Total Depth: 7.93 ft.  
 Depth to Water: 4.70 ft.  Check if water column is less than 0.50 ft.  
3.23 xVF .17 = .54 x3 case volume = Estimated Purge Volume: 2.0 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.34

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

**Purge Equipment:**  
 Disposable Bailer /  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer /  
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ ltr  
 Amt Removed from Well: \_\_\_\_\_ ltr  
 Water Removed: \_\_\_\_\_ ltr

Start Time (purge): 0845 Weather Conditions: CLOUDY / LT. RAIN  
 Sample Time/Date: 1010 / 4-6-17 Water Color: LT. BROWN Odor: Y10  
 Approx. Flow Rate: / gpm. Sediment Description: S. SILTY  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 4.95

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (US) mS (µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0848</u>	<u>.75</u>	<u>7.51</u>	<u>2438</u>	<u>16.5</u>		
<u>0851</u>	<u>1.5</u>	<u>7.54</u>	<u>2444</u>	<u>16.8</u>		
<u>0854</u>	<u>2.0</u>	<u>7.56</u>	<u>2449</u>	<u>17.0</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>EUROFINS</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

COMMENTS: SLOW RECOVERY



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0019 Job Number: 17156500  
 Site Address: 210 Grand Avenue Event Date: 4-6-17 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-7 Date Monitored: 4-6-17  
 Well Diameter: 2.14 in.  
 Total Depth: 9.83 ft.  
 Depth to Water: 2.78 ft.  Check if water column is less than 0.50 ft.  
7.05 xVF .17 = 1.19 x3 case volume = Estimated Purge Volume: 4.0 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.19

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

**Purge Equipment:**  
 Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one) \_\_\_\_\_  
 Amt Removed from Skimmer: \_\_\_\_\_ ltr  
 Amt Removed from Well: \_\_\_\_\_ ltr  
 Water Removed: \_\_\_\_\_ ltr

Start Time (purge): 0935 Weather Conditions: CLOUDY / Lt. Rain  
 Sample Time/Date: 1030 / 4-6-17 Water Color: CLEAN Odor: Y10  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: None  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 4.07

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) mS (µmhos/cm)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>0938</u>	<u>1.5</u>	<u>7.93</u>	<u>2509</u>	<u>17.0</u>	_____	_____
<u>0941</u>	<u>3.0</u>	<u>7.96</u>	<u>2519</u>	<u>17.5</u>	_____	_____
<u>0944</u>	<u>4.0</u>	<u>7.99</u>	<u>2527</u>	<u>17.9</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>EUROFINS</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

COMMENTS: SLOW RECOVERY



# GETTLER - RYAN Inc.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0019 Job Number: 17156500  
 Site Address: 210 Grand Avenue Event Date: 4-6-17 (inclusive)  
 City: Oakland, CA Sampler: FR

Well ID: MW-8 Date Monitored: UTL  
 Well Diameter: Ø14 in.  
 Total Depth: 7.75 ft.  
 Depth to Water: ND ft.  Check if water column is less than 0.50 ft.  
 \_\_\_\_\_ xVF \_\_\_\_\_ = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: \_\_\_\_\_

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ ltr  
 Amt Removed from Well: \_\_\_\_\_ ltr  
 Water Removed: \_\_\_\_\_ ltr

Start Time (purge): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: \_\_\_\_\_ / \_\_\_\_\_ Water Color: \_\_\_\_\_ Odor: **Y / N**  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	EUROFINS	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: UTL: MAY HAVE BEEN PAVED OVER. SEE PHOTO

Add/Replaced Gasket: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_ Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_





# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0019 Job Number: 17156500  
 Site Address: 210 Grand Avenue Event Date: 4.6.17 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-9 Date Monitored: 4.6.17  
 Well Diameter: 214 in.  
 Total Depth: 8.45 ft.  
 Depth to Water: 1.08 ft.  Check if water column is less than 0.50 ft.  
7.37 xVF .17 = 1.25 x3 case volume = Estimated Purge Volume: 4.0 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 2.55

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

### Purge Equipment:

Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer   
 Metal Filters \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ ltr
Amt Removed from Well:	_____ ltr
Water Removed:	_____ ltr

Start Time (purge): 0910 Weather Conditions: CLOUDY / LT. RAIN  
 Sample Time/Date: 1030 / 4.6.17 Water Color: CLEAR Odor: Y / 0  
 Approx. Flow Rate: — gpm. Sediment Description: NONE  
 Did well de-water? N If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 2.03

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (mS / μmhos/cm)	Temperature (°C / °F)	D.O. (mg/L)	ORP (mV)
<u>0913</u>	<u>1.5</u>	<u>7.65</u>	<u>1922</u>	<u>17.6</u>	_____	_____
<u>0916</u>	<u>3.0</u>	<u>7.69</u>	<u>1930</u>	<u>17.9</u>	_____	_____
<u>0920</u>	<u>4.0</u>	<u>7.71</u>	<u>1938</u>	<u>18.2</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>EUROFINS</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

COMMENTS: SLOW RECOVERY

# Chevron California Region Analysis Request/Chain of Custody

L **eurofins**  
 040617-02

**Lancaster Laboratories Environmental**

Acct. # \_\_\_\_\_ Group # \_\_\_\_\_ Sample # \_\_\_\_\_  
For Eurofins Lancaster Laboratories Environmental use only  
Instructions on reverse side correspond with circled numbers.

1021

Client Information				Matrix				Analyses Requested										SCR #: _____							
Facility # <b>SS19-0019-OML G-R#17156500 Global ID#T0600100313</b> Site Address <b>210 GRAND AVENUE, OAKLAND, CA</b> Chevron PM <b>CM GHDHK</b> Lead Consultant <b>Hoey</b> Consultant/Office <b>Getter-Ryan Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568</b> Consultant Project Mgr <b>Deanna L. Harding, deanna@grinc.com</b> Consultant Phone # <b>(925) 551-7444 x180</b>				Sediment <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Potable <input type="checkbox"/> Ground <input checked="" type="checkbox"/> Surface <input type="checkbox"/> NPDES <input type="checkbox"/> Air <input type="checkbox"/>				Total Number of Containers _____ BTEX + MTBE 8021 <input type="checkbox"/> 8260 <input checked="" type="checkbox"/> TPH-GRO 8015 <input checked="" type="checkbox"/> 8260 <input type="checkbox"/> TPH-DRO 8015 without Silica Gel Cleanup <input type="checkbox"/> TPH-DRO 8015 with Silica Gel Cleanup <input type="checkbox"/> 8260 Full Scan _____ Oxygenates _____ Total Lead Method _____ Dissolved Lead Method _____											<input type="checkbox"/> Results in Dry Weight <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds <input type="checkbox"/> 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run _____ oxy's on highest hit <input type="checkbox"/> Run _____ oxy's on all hits						
Sample Identification	Soil Depth	Collected		Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE	8021	8260	TPH-GRO	8015	8260	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan		Oxygenates	Total Lead	Method	Dissolved Lead	Method	Remarks
FRANK TEAMINONI		17.4.6																							
QA																									
MW-5			1000	X																					
MW-6			1010	X																					
MW-7			1020	X																					
MW-9			1030	X																					

**Turnaround Time Requested (TAT)** (please circle)

Standard      5 day      4 day  
 72 hour      48 hour      24 hour

Relinquished by \_\_\_\_\_ Date **17.4.6** Time \_\_\_\_\_ Received by \_\_\_\_\_ Date \_\_\_\_\_ Time **1615**

**Data Package** (circle if required) **EDF/EDD**

Type I - Full       Type VI (Raw Data)

Relinquished by \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ Received by \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

**EDD** (circle if required)

EDFFLAT (default)      Other: \_\_\_\_\_

Relinquished by Commercial Carrier:      Received by \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

UPS \_\_\_\_\_ FedEx \_\_\_\_\_ Other \_\_\_\_\_  
 Temperature Upon Receipt \_\_\_\_\_ °C      Custody Seals Intact?      Yes      No

# Attachment C

## Laboratory Analytical Report

## ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental  
2425 New Holland Pike  
Lancaster, PA 17601

Prepared for:

Chevron  
L4310  
6001 Bollinger Canyon Rd.  
San Ramon CA 94583

Report Date: April 19, 2017

**Project: 90019**

Submittal Date: 04/08/2017  
Group Number: 1786992  
PO Number: 0015213276  
Release Number: FISCHER  
State of Sample Origin: CA

### Client Sample Description

QA-T-170406 NA Water  
MW-5-W-170406 Grab Groundwater  
MW-6-W-170406 Grab Groundwater  
MW-7-W-170406 Grab Groundwater  
MW-9-W-170406 Grab Groundwater

Lancaster Labs

(LL) #

8929141  
8929142  
8929143  
8929144  
8929145

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our current scopes of accreditation can be viewed at <http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/>. To request copies of prior scopes of accreditation, contact your project manager.

Electronic Copy To GHD  
Electronic Copy To GHD  
Electronic Copy To GHD  
Electronic Copy To Gettler-Ryan Inc.

Attn: Kiersten Hoey  
Attn: Anna Avina  
Attn: Report Contact  
Attn: Gettler Ryan

Respectfully Submitted,



Amek Carter  
Specialist

(717) 556-7252

Sample Description: QA-T-170406 NA Water  
Facility# 90019 Job# 17156500 GRD  
210 Grand Avenue-Oakland T0600100313

LL Sample # WW 8929141  
LL Group # 1786992  
Account # 10904

Project Name: 90019

Collected: 04/06/2017

Chevron

Submitted: 04/08/2017 10:05

L4310

Reported: 04/19/2017 14:03

6001 Bollinger Canyon Rd.  
San Ramon CA 94583

GAOTB

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>						
10945	Benzene	71-43-2	N.D.	ug/l 0.5	ug/l 1	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10945	Toluene	108-88-3	N.D.	0.5	1	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>GC Volatiles SW-846 8015B</b>						
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	ug/l 50	ug/l 100	1

### Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D171072AA	04/17/2017 10:37	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D171072AA	04/17/2017 10:37	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	17104B20A	04/14/2017 20:03	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	17104B20A	04/14/2017 20:03	Jeremy C Giffin	1

\*=This limit was used in the evaluation of the final result

Sample Description: MW-5-W-170406 Grab Groundwater  
Facility# 90019 Job# 17156500 GRD  
210 Grand Avenue-Oakland T0600100313

LL Sample # WW 8929142  
LL Group # 1786992  
Account # 10904

Project Name: 90019

Collected: 04/06/2017 10:00 by FT

Chevron

L4310

Submitted: 04/08/2017 10:05

6001 Bollinger Canyon Rd.

Reported: 04/19/2017 14:03

San Ramon CA 94583

GAO05

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>						
10945	Benzene	71-43-2	1,600	ug/l	ug/l	
10945	Ethylbenzene	100-41-4	2,600	5	10	10
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	50	100	100
10945	Toluene	108-88-3	650	5	10	10
10945	Xylene (Total)	1330-20-7	3,500	5	10	10
<b>GC Volatiles SW-846 8015B</b>						
01728	TPH-GRO N. CA water C6-C12	n.a.	31,000	ug/l	ug/l	
				500	1,000	10

### Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D171072AA	04/17/2017 12:13	Anita M Dale	10
10945	BTEX/MTBE	SW-846 8260B	1	D171081AA	04/18/2017 09:38	Anita M Dale	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D171072AA	04/17/2017 12:13	Anita M Dale	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	D171081AA	04/18/2017 09:38	Anita M Dale	100
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	17104B20A	04/15/2017 00:10	Jeremy C Giffin	10
01146	GC VOA Water Prep	SW-846 5030B	1	17104B20A	04/15/2017 00:10	Jeremy C Giffin	10

\*=This limit was used in the evaluation of the final result

Sample Description: MW-6-W-170406 Grab Groundwater  
Facility# 90019 Job# 17156500 GRD  
210 Grand Avenue-Oakland T0600100313

LL Sample # WW 8929143  
LL Group # 1786992  
Account # 10904

Project Name: 90019

Collected: 04/06/2017 10:10 by FT

Chevron

L4310

Submitted: 04/08/2017 10:05

6001 Bollinger Canyon Rd.

Reported: 04/19/2017 14:03

San Ramon CA 94583

GAO06

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>						
10945	Benzene	71-43-2	N.D.	ug/l 0.5	ug/l 1	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10945	Toluene	108-88-3	N.D.	0.5	1	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>GC Volatiles SW-846 8015B</b>						
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	ug/l 50	ug/l 100	1

### Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D171072AA	04/17/2017 11:01	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D171072AA	04/17/2017 11:01	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	17104B20A	04/14/2017 22:20	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	17104B20A	04/14/2017 22:20	Jeremy C Giffin	1

\*=This limit was used in the evaluation of the final result

Sample Description: MW-7-W-170406 Grab Groundwater  
Facility# 90019 Job# 17156500 GRD  
210 Grand Avenue-Oakland T0600100313

LL Sample # WW 8929144  
LL Group # 1786992  
Account # 10904

Project Name: 90019

Collected: 04/06/2017 10:20 by FT Chevron  
L4310  
Submitted: 04/08/2017 10:05 6001 Bollinger Canyon Rd.  
Reported: 04/19/2017 14:03 San Ramon CA 94583

GAO07

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>						
10945	Benzene	71-43-2	N.D.	ug/l 0.5	ug/l 1	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	0.8 J	0.5	1	1
10945	Toluene	108-88-3	N.D.	0.5	1	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>GC Volatiles SW-846 8015B</b>						
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	ug/l 50	ug/l 100	1

### Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D171071AA	04/17/2017 10:50	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D171071AA	04/17/2017 10:50	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	17104B20A	04/14/2017 22:48	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	17104B20A	04/14/2017 22:48	Jeremy C Giffin	1

\*=This limit was used in the evaluation of the final result

Sample Description: MW-9-W-170406 Grab Groundwater  
Facility# 90019 Job# 17156500 GRD  
210 Grand Avenue-Oakland T0600100313

LL Sample # WW 8929145  
LL Group # 1786992  
Account # 10904

Project Name: 90019

Collected: 04/06/2017 10:30 by FT Chevron  
L4310  
Submitted: 04/08/2017 10:05 6001 Bollinger Canyon Rd.  
Reported: 04/19/2017 14:03 San Ramon CA 94583

GAO09

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B ug/l</b>						
10945	Benzene	71-43-2	N.D.	0.5	1	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10945	Toluene	108-88-3	N.D.	0.5	1	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
<b>GC Volatiles SW-846 8015B ug/l</b>						
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

### Sample Comments

CA ELAP Lab Certification No. 2792

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D171081AA	04/18/2017 10:02	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D171081AA	04/18/2017 10:02	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	17108A20A	04/18/2017 18:03	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	17108A20A	04/18/2017 18:03	Brett W Kenyon	1

\*=This limit was used in the evaluation of the final result

## Quality Control Summary

Client Name: Chevron  
Reported: 04/19/2017 14:03

Group Number: 1786992

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

### Method Blank

Analysis Name	Result	MDL**	LOQ
	ug/l	ug/l	ug/l
Batch number: D171071AA	Sample number(s): 8929144		
Benzene	N.D.	0.5	1
Ethylbenzene	N.D.	0.5	1
Methyl Tertiary Butyl Ether	N.D.	0.5	1
Toluene	N.D.	0.5	1
Xylene (Total)	N.D.	0.5	1
Batch number: D171072AA	Sample number(s): 8929141-8929143		
Benzene	N.D.	0.5	1
Ethylbenzene	N.D.	0.5	1
Methyl Tertiary Butyl Ether	N.D.	0.5	1
Toluene	N.D.	0.5	1
Xylene (Total)	N.D.	0.5	1
Batch number: D171081AA	Sample number(s): 8929142,8929145		
Benzene	N.D.	0.5	1
Ethylbenzene	N.D.	0.5	1
Methyl Tertiary Butyl Ether	N.D.	0.5	1
Toluene	N.D.	0.5	1
Xylene (Total)	N.D.	0.5	1
Batch number: 17104B20A	Sample number(s): 8929141-8929144		
TPH-GRO N. CA water C6-C12	N.D.	50	100
Batch number: 17108A20A	Sample number(s): 8929145		
TPH-GRO N. CA water C6-C12	N.D.	50	100

### LCS/LCSD

Analysis Name	LCS Spike Added	LCS Conc	LCSD Spike Added	LCSD Conc	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
	ug/l	ug/l	ug/l	ug/l					
Batch number: D171071AA	Sample number(s): 8929144								
Benzene	20	19.65			98		78-120		
Ethylbenzene	20	19.86			99		78-120		
Methyl Tertiary Butyl Ether	20	18.5			93		75-120		
Toluene	20	20.29			101		80-120		
Xylene (Total)	60	61.08			102		80-120		
Batch number: D171072AA	Sample number(s): 8929141-8929143								

\*- Outside of specification

\*\* - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

## Quality Control Summary

Client Name: Chevron  
Reported: 04/19/2017 14:03

Group Number: 1786992

### LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Benzene	20	17.83			89		78-120		
Ethylbenzene	20	18.03			90		78-120		
Methyl Tertiary Butyl Ether	20	17.13			86		75-120		
Toluene	20	18.52			93		80-120		
Xylene (Total)	60	55			92		80-120		
Batch number: D171081AA	Sample number(s): 8929142,8929145								
Benzene	20	21.09			105		78-120		
Ethylbenzene	20	21.23			106		78-120		
Methyl Tertiary Butyl Ether	20	19.06			95		75-120		
Toluene	20	21.6			108		80-120		
Xylene (Total)	60	64.54			108		80-120		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 17104B20A	Sample number(s): 8929141-8929144								
TPH-GRO N. CA water C6-C12	1100	1080.24	1100	1097.75	98	100	80-120	2	30
Batch number: 17108A20A	Sample number(s): 8929145								
TPH-GRO N. CA water C6-C12	1100	1052.47	1100	1068.67	96	97	80-120	2	30

### MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: D171071AA	Sample number(s): 8929144 UNSPK: 8929144									
Benzene	N.D.	20	18.26	20	20.22	91	101	78-120	10	30
Ethylbenzene	N.D.	20	18.27	20	20.11	91	101	78-120	10	30
Methyl Tertiary Butyl Ether	0.761	20	16.97	20	18.68	81	90	75-120	10	30
Toluene	N.D.	20	18.81	20	20.82	94	104	80-120	10	30
Xylene (Total)	N.D.	60	55.61	60	62.12	93	104	80-120	11	30
Batch number: D171072AA	Sample number(s): 8929141-8929143 UNSPK: 8929143									
Benzene	N.D.	20	18.07	20	19.41	90	97	78-120	7	30
Ethylbenzene	N.D.	20	17.84	20	19.55	89	98	78-120	9	30
Methyl Tertiary Butyl Ether	N.D.	20	16.01	20	17.56	80	88	75-120	9	30
Toluene	N.D.	20	18.47	20	20.24	92	101	80-120	9	30
Xylene (Total)	N.D.	60	54.38	60	60.36	91	101	80-120	10	30
Batch number: D171081AA	Sample number(s): 8929142,8929145 UNSPK: P933703									
Benzene	N.D.	20	21.15	20	21.01	106	105	78-120	1	30
Ethylbenzene	N.D.	20	21.08	20	20.95	105	105	78-120	1	30
Methyl Tertiary Butyl Ether	N.D.	20	18.75	20	18.6	94	93	75-120	1	30

\*- Outside of specification

\*\* - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

## Quality Control Summary

Client Name: Chevron  
Reported: 04/19/2017 14:03

Group Number: 1786992

### MS/MSD (continued)

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Toluene	N.D.	20	21.67	20	21.36	108	107	80-120	1	30
Xylene (Total)	N.D.	60	64.99	60	64.86	108	108	80-120	0	30

### Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: BTEX/MTBE  
Batch number: D171071AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8929144	93	99	101	95
Blank	92	100	102	94
LCS	90	102	101	98
MS	90	101	102	98
MSD	90	103	101	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX/MTBE  
Batch number: D171072AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8929141	93	100	101	93
8929142	87	97	100	96
8929143	92	101	100	95
Blank	92	100	100	92
LCS	90	104	101	97
MS	91	103	100	97
MSD	89	103	101	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX/MTBE  
Batch number: D171081AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8929145	92	101	100	93
Blank	92	98	100	93
LCS	90	102	102	98
MS	89	101	101	99
MSD	90	100	101	99
Limits:	80-116	77-113	80-113	78-113

\*- Outside of specification

\*\* - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

## Quality Control Summary

Client Name: Chevron  
Reported: 04/19/2017 14:03

Group Number: 1786992

### Surrogate Quality Control (continued)

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TPH-GRO N. CA water C6-C12  
Batch number: 17104B20A

	Trifluorotoluene-F
8929141	79
8929142	102
8929143	85
8929144	142*
Blank	90
LCS	97
LCSD	98

Limits: 63-135

Analysis Name: TPH-GRO N. CA water C6-C12  
Batch number: 17108A20A

	Trifluorotoluene-F
8929145	89
Blank	89
LCS	94
LCSD	102

Limits: 63-135

\*- Outside of specification

\*\* - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

P##### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

# Chevron California Region Analysis Request/Chain of Custody



Lancaster Laboratories  
Environmental

Acct. # 10904

For Eurofins Lancaster Laboratories Environmental use only  
Group # 1736990 Sample # 8929141-45  
Instructions on reverse side correspond with circled numbers.

1081

Client Information				Matrix			Analyses Requested													
Facility # <u>SS19-0019-OML G-R#17156500</u> Global ID# <u>WBS#T0600100313</u>				<input type="checkbox"/> Sediment  <input type="checkbox"/> Potable  <input type="checkbox"/> NPDES  <input type="checkbox"/> Oil  <input type="checkbox"/> Air	<input checked="" type="checkbox"/> Ground  <input type="checkbox"/> Surface	Total Number of Containers BTEX + MTBE 8021 <input type="checkbox"/> 8260 <input checked="" type="checkbox"/> TPH-GRO 8015 <input checked="" type="checkbox"/> 8260 <input type="checkbox"/> TPH-DRO 8015 without Silica Gel Cleanup <input type="checkbox"/> TPH-DRO 8015 with Silica Gel Cleanup <input type="checkbox"/> 8260 Full Scan <input type="checkbox"/> Oxygenates <input type="checkbox"/> Total Lead Method <input type="checkbox"/> Dissolved Lead Method <input type="checkbox"/>	Chevron PM <u>CM</u> GHDHK Lead Consultant <u>Hoey</u>				Facility Name <u>Getter-Ryan Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568</u>						Consultant Project Mgr. <u>Deanna L. Harding, deanna@grinc.com</u>			
Site Address <u>210 GRAND AVENUE, OAKLAND, CA</u>							Consultant Phone # <u>(925) 551-7444 x180</u>				Sampler <u>Frank Teamingo</u>				SCR #: _____					
Sample Identification		Soil Depth	Collected Date				Time	Grab	Composite											
<u>QA</u>			<u>17.4.6</u>																	
<u>MW-5</u>							<u>1000</u>	<u>X</u>												
<u>MW-6</u>				<u>1010</u>	<u>X</u>															
<u>MW-7</u>				<u>1020</u>	<u>X</u>															
<u>MW-9</u>				<u>1030</u>	<u>X</u>															

- Results in Dry Weight
- J value reporting needed
- Must meet lowest detection limits possible for 8260 compounds
- 8021 MTBE Confirmation
- Confirm highest hit by 8260
- Confirm all hits by 8260
- Run \_\_\_\_\_ oxy's on highest hit
- Run \_\_\_\_\_ oxy's on all hits

Remarks

<b>Turnaround Time Requested (TAT)</b> (please circle)  <input checked="" type="radio"/> Standard 5 day <input type="radio"/> 72 hour  <input type="radio"/> 4 day <input type="radio"/> 48 hour  <input type="radio"/> 24 hour	Relinquished by <u>[Signature]</u>	Date <u>17.4.6</u>	Time	Received by <u>[Signature]</u>	Date <u>APR 17</u>	Time <u>1615</u>
	Relinquished by <u>[Signature]</u>	Date <u>APR 17</u>	Time <u>1630</u>	Received by <u>[Signature]</u>	Date	Time
<b>Data Package</b> (circle if required) <u>EDF/EDD</u>  Type I - Full      Type VI (Raw Data)	Relinquished by Commercial Carrier:	UPS _____ FedEx _____ Other _____		Received by <u>[Signature]</u>	Date <u>4/8/17</u>	Time <u>1005</u>
<b>EDD</b> (circle if required)  EDFFLAT (default)      Other: _____	Temperature Upon Receipt <u>D.L. - 22°C</u>		Custody Seals Intact?		Yes	No



Client: C A Office

**Delivery and Receipt Information**

Delivery Method:	<u>BASC</u>	Arrival Timestamp:	<u>04/08/2017 10:05</u>
Number of Packages:	<u>4</u>	Number of Projects:	<u>5</u>
State/Province of Origin:	<u>CA</u>		

**Arrival Condition Summary**

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace $\geq$ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	2
Samples Intact:	Yes	Trip Blank Type:	HCI
Missing Samples:	No	Air Quality Samples Present:	No
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Karen Diem (3060) at 11:51 on 04/08/2017

**Samples Chilled Details**

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	2.2	DT	Wet	Y	Bagged	N
2	DT121	0.8	DT	Wet	Y	Bagged	N
3	DT121	1.3	DT	Wet	Y	Bagged	N
4	DT121	0.6	DT	Wet	Y	Bagged	N

# Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

<b>BMQL</b>	Below Minimum Quantitation Level	<b>mg</b>	milligram(s)
<b>C</b>	degrees Celsius	<b>mL</b>	milliliter(s)
<b>cfu</b>	colony forming units	<b>MPN</b>	Most Probable Number
<b>CP Units</b>	cobalt-chloroplatinate units	<b>N.D.</b>	none detected
<b>F</b>	degrees Fahrenheit	<b>ng</b>	nanogram(s)
<b>g</b>	gram(s)	<b>NTU</b>	nephelometric turbidity units
<b>IU</b>	International Units	<b>pg/L</b>	picogram/liter
<b>kg</b>	kilogram(s)	<b>RL</b>	Reporting Limit
<b>L</b>	liter(s)	<b>TNTC</b>	Too Numerous To Count
<b>lb.</b>	pound(s)	<b>µg</b>	microgram(s)
<b>m3</b>	cubic meter(s)	<b>µL</b>	microliter(s)
<b>meq</b>	milliequivalents	<b>umhos/cm</b>	micromhos/cm
<b>&lt;</b>	less than		
<b>&gt;</b>	greater than		
<b>ppm</b>	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

## Laboratory Data Qualifiers:

- C - Result confirmed by reanalysis
- E - Concentration exceeds the calibration range
- J (or G, I, X) - estimated value  $\geq$  the Method Detection Limit (MDL or DL) and  $<$  the Limit of Quantitation (LOQ or RL)
- P - Concentration difference between the primary and confirmation column  $>40\%$ . The lower result is reported.
- U - Analyte was not detected at the value indicated
- V - Concentration difference between the primary and confirmation column  $>100\%$ . The reporting limit is raised due to this disparity and evident interference...
- W - The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods. Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

**Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.**

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

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Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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# Attachment D Historical Groundwater Monitoring and Sampling Data

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-						
											form (µg/L)	1,2-DCA (µg/L)	Frean (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
MW-4																	
03/14/89	7.60	2.08	5.52	3,000	810	200	30	130	--	<3,000	<20	<5.0	<20	<5.0	--	--	--
06/08/89	7.60	3.41	4.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/09/89	7.60	--	--	900	440	13	22	40	--	--	<20	<5.0	60	<5.0	--	--	--
09/14/89	7.60	2.80	4.80	540	220	2.0	6.1	9.3	--	--	<1.0	2.3	<1.0	<0.2	--	--	--
12/08/89	7.60	2.74	4.86	150	18	<0.3	1.0	<0.6	--	--	<0.5	1.9	--	<0.5	--	--	--
03/19/90	7.60	2.95	4.65	270	50	<0.3	0.7	<0.6	--	--	<0.5	0.8	--	<0.5	--	--	--
07/06/90	7.59	1.17	6.42	140	0.7	<0.3	0.5	<0.6	--	--	<0.5	0.79	--	<0.5	--	--	--
10/03/90	7.59	1.20	6.39	180	<0.3	<0.3	2.0	<0.6	--	--	<0.5	0.5	--	<0.5	--	--	--
08/23/91	7.59	3.17	4.42	400	9.9	6.8	3.1	7.1	--	--	<0.5	<0.5	--	<0.5	--	--	--
11/22/91	7.59	2.21	5.38	130	3.4	1.3	3.5	6.0	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
02/26/92	7.59	4.94	2.65	520	15	2.7	6.1	8.6	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	7.59	3.63	3.96	460	20	2.8	5.0	6.9	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	7.59	2.91	4.68	160	1.1	1.7	0.8	2.8	--	--	<0.5	<0.5	--	<0.5	--	--	--
12/23/92	7.59	3.96	3.63	110	0.7	0.5	0.9	1.7	--	--	--	--	--	--	--	--	--
03/22/93	7.59	4.69	2.90	930	9.0	3.0	7.0	8.0	--	--	--	--	--	--	--	--	--
06/07/93	7.59	3.70	3.89	240	2.0	0.9	3.0	3.0	--	--	--	--	--	--	--	--	--
09/10/93	7.59	3.07	4.52	<50	<0.5	<0.5	0.8	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	7.59	4.44	3.15	550	3.0	3.0	8.0	12	--	--	--	--	--	--	--	--	--
06/16/94	7.59	3.51	4.08	150	<0.5	0.6	1.5	0.7	--	--	--	--	--	--	--	--	--
09/08/94	7.59	3.04	4.55	<50	<0.5	<0.5	<0.5	1.2	--	--	--	--	--	--	--	--	--
11/29/94	7.59	4.74	2.85	130	<0.5	1.1	<0.5	0.58	--	--	--	--	--	--	--	--	--
03/21/95	7.59	5.89	1.70	720	2.2	<2.0	5.9	<2.0	--	--	--	--	--	--	--	--	--
06/27/95	7.59	4.21	3.38	100	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/27/95	7.59	3.84	3.75	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
12/29/95	7.59	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/10/96	7.59	3.71	3.88	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
12/19/96	7.59	2.53	5.06	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
03/22/97	7.59	3.42	4.17	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
06/29/97	10.03	5.76	4.27	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
09/12/97	10.03	5.61	4.42	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
12/05/97	10.03	5.57	4.46	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
02/21/98	10.03	5.92	4.11	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
08/17/98	10.03	5.61	4.42	120	5.4	7.8	3.0	28	7.4	--	--	--	--	--	--	--	--
03/11/99	10.03	5.69	4.34	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--	--	--	--	--
09/28/99	10.03	4.50	5.53	<50	<0.5	0.69	<0.5	0.901	<5.0	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-						
											form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
<b>MW-4 (cont)</b>																	
03/14/00	10.03	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/29/00	10.03	4.71	5.32	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
03/21/01	10.03	5.11	4.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
09/10/01 <sup>4</sup>	10.03	4.65	5.38	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
03/06/02 <sup>4</sup>	10.03	5.06	4.97	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--	--
09/14/02 <sup>4</sup>	10.03	4.86	5.17	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--	--
03/28/03 <sup>5</sup>	10.03	4.85	5.18	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--	--	--	--	--	--
09/02/03 <sup>4,6</sup>	10.03	4.53	5.50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/26/04 <sup>4,6</sup>	10.03	5.22	4.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/13/04 <sup>6,7</sup>	10.03	4.83	5.20	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/02/05 <sup>6</sup>	10.03	6.13	3.90	<50	<0.5	1	<0.5	2	<0.5	--	--	--	--	--	--	--	--
09/22/05 <sup>6</sup>	10.03	5.56	4.47	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/30/06 <sup>6</sup>	10.03	6.42	3.61	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
08/28/06 <sup>6</sup>	10.03	5.22	4.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/05/07 <sup>6</sup>	10.03	6.01	4.02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/24/07 <sup>6</sup>	10.03	5.53	4.50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/06/08 <sup>6</sup>	10.03	5.43	4.60	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/16/08 <sup>6</sup>	10.03	5.51	4.52	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/02/09 <sup>6</sup>	10.03	6.22	3.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/16/09 <sup>6</sup>	10.03	4.76	5.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/04/10 <sup>6</sup>	10.03	5.55	4.48	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/21/10 <sup>6</sup>	10.03	4.88	5.15	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/09/11 <sup>6</sup>	10.03	5.08	4.95	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/14/11 <sup>6</sup>	10.03	6.01	4.02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/21/12 <sup>6</sup>	10.03	5.82	4.21	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
<b>09/15/12</b>	<b>10.03</b>	<b>6.17</b>	<b>3.86</b>	<b>SAMPLED ANNUALLY</b>				--	--	--	--	--	--	--	--	--	--
<b>MW-5</b>																	
03/14/89	8.35	1.37	6.98	20,000	6,600	1,600	270	1,100	--	<3,000	<100	<20	<20	<20	--	--	--
06/08/89	8.35	3.62	4.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/09/89	8.35	--	--	15,000	>2,800	270	240	640	--	--	<20	28	<20	<5.0	--	--	--
06/09/89 (D)	8.35	--	--	12,000	5,100	300	240	700	--	--	<200	<50	<20	<50	--	--	--
09/14/89	8.35	2.98	5.37	15,000	>730	>320	>290	440	--	--	<10	<2.0	<20	<2.0	--	--	--
09/14/89 (D)	8.35	--	--	15,000	3,300	450	490	730	--	--	<100	<20	100	<20	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro- form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
<b>MW-5 (cont)</b>																	
09/14/89 (T)	8.35	--	--	16,000	3,100	550	400	690	--	--	<50	<10	<50	<10	--	--	--
12/08/89	8.35	-0.78	9.13	20,000	4,600	640	390	1,300	--	--	<0.5	27	--	<0.5	--	--	--
03/19/90	8.35	3.23	5.12	25,000	6,500	1,200	450	2,200	--	--	<0.5	10	--	0.7	--	--	--
07/06/90	8.35	2.54	5.81	30,000	5,600	890	210	1,400	--	--	<0.5	<0.5	--	<0.5	1.2	--	--
10/03/90	8.35	1.45	6.90	29,000	6,000	790	270	1,500	--	--	<0.5	<0.5	--	<0.5	--	2.0	--
08/23/91	8.35	3.30	5.05	36,000	6,100	1,200	460	2,600	--	--	<0.5	3.9	--	<0.5	--	0.9	--
11/22/91	8.35	2.10	6.25	21,000	8,000	1,500	530	2,600	--	--	<0.5	3.9	<0.5	<0.5	1.0	0.8	--
02/26/92	8.35	5.35	3.00	43,000	14,000	1,600	640	4,700	--	--	<0.5	2.0	<0.5	<0.5	--	--	--
05/22/92	8.35	3.86	4.49	72,000	18,000	8,100	920	10,000	--	--	<0.5	6.8	<0.5	<0.5	--	--	--
09/29/92	8.35	3.50	4.85	54,000	14,000	1,400	740	8,100	--	--	<0.5	4.4	--	<0.5	--	--	--
12/23/92	8.35	4.77	3.58	38,000	8,400	910	530	5,300	--	--	<0.5	2.9	--	<0.5	--	--	--
03/22/93	8.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/07/93	8.35	-3.82	12.17	24,000	3,000	280	360	1,200	--	--	<0.5	<0.5	--	<0.5	--	--	--
09/10/93	8.35	-0.15	8.50	8,900	860	160	100	320	--	--	<5.0	<5.0	--	<5.0	--	--	--
03/07/94	8.35	5.30	3.05	9,600	2,100	380	120	290	--	--	<12.5	<12.5	--	<12.5	--	--	--
06/16/94	8.35	2.64	5.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/08/94	8.35	2.43	5.92	10,000	3,600	360	210	460	--	--	<0.5	<0.5	--	<0.5	1.2	--	2.0
09/08/94	8.35	3.04	5.31	14,000	2,800	270	170	360	--	--	<0.5	2.8	--	<0.5	--	--	--
11/29/94	8.35	5.72	2.63	11,000	2,800	280	130	300	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
03/21/95	8.35	7.41	0.94	6,700	1,400	120	100	260	--	--	<0.5	0.59	<0.5	<0.5	<0.5	<0.5	--
06/27/95	8.35	6.01	2.34	18,000	6,100	480	600	990	--	--	<10	<10	<10	<10	<10	<10	--
09/27/95	8.35	4.65	3.70	15,000	3,600	140	210	310	--	--	<25	<25	<25	<25	<25	<25	--
12/29/95	8.35	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/10/96	8.35	4.31	4.04	5,700	1,800	53	530	84	<100	--	--	--	--	--	--	--	--
12/19/96	8.35	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/22/97	8.35	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/03/97	--	--	4.46	21,000	6,800	4,100	610	1,900	530	--	--	--	--	--	--	--	--
06/29/97	10.99	5.90	5.09	16,000	5,300	1,900	530	1,600	<250	--	--	--	--	--	--	--	--
09/12/97	10.99	5.98	5.01	6,100	1,900	510	120	390	<25	--	--	--	--	--	--	--	--
12/05/97	10.99	5.36	5.63	52,000	11,000	7,700	1,400	3,600	920	--	--	--	--	--	--	--	--
02/21/98	10.99	6.34	4.65	55,000	13,000	11,000	450	3,300	1,200	--	--	--	--	--	--	--	--
06/24/98 <sup>1</sup>	10.99	5.51	5.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/98	10.99	6.05	4.94	5,700	4,100	1,500	210	81	<50	--	--	--	--	--	--	--	--
03/11/99	10.99	6.09	4.90	11,400	1590	2610	351	1,200	58.2	--	--	--	--	--	--	--	--
09/28/99	10.99	5.45	5.54	21,300	3,250	3,830	656	1,450	<500	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC ( <i>ft.</i> )	GWE ( <i>mst.</i> )	DTW ( <i>ft.</i> )	TPH-GRO ( <i>µg/L.</i> )	B ( <i>µg/L.</i> )	T ( <i>µg/L.</i> )	E ( <i>µg/L.</i> )	X ( <i>µg/L.</i> )	MTBE ( <i>µg/L.</i> )	TOG ( <i>µg/L.</i> )	Chloro-						
											form ( <i>µg/L.</i> )	1,2-DCA ( <i>µg/L.</i> )	Freon ( <i>µg/L.</i> )	1,1,1-TCA ( <i>µg/L.</i> )	PCE ( <i>µg/L.</i> )	1,2-DCPA ( <i>µg/L.</i> )	1,2-DCE ( <i>µg/L.</i> )
<b>MW-5 (cont)</b>																	
03/10/00 <sup>2</sup>	10.99	5.65	5.34	59,800	4,280	17,100	2,280	7,210	<1,000	--	--	--	--	--	--	--	--
08/29/00	10.99	5.96	5.03	42,000 <sup>3</sup>	3,300	6,300	1,700	4,300	<1,000	--	--	--	--	--	--	--	--
03/21/01	10.99	5.79	5.20	26,000 <sup>3</sup>	2,500	7,300	1,500	4,200	750	--	--	--	--	--	--	--	--
09/10/01 <sup>4</sup>	10.99	5.91	5.08	300	29	50	7.7	66	<5.0	--	--	--	--	--	--	--	--
03/06/01 <sup>4</sup>	10.99	6.21	4.78	32,000	2,500	6,900	1,800	5,300	<50	--	--	--	--	--	--	--	--
09/14/02 <sup>4</sup>	10.99	6.06	4.93	55,000	2,800	8,400	3,200	8,300	160	--	--	--	--	--	--	--	--
03/28/03 <sup>5</sup>	10.99	6.08	4.91	35,000	2,100	5,700	2,500	7,000	<63	--	--	--	--	--	--	--	--
09/02/03 <sup>4,6</sup>	10.99	5.76	5.23	680	130	98	54	200	<0.5	--	--	--	--	--	--	--	--
03/26/04 <sup>4,6</sup>	10.99	6.35	4.64	15,000	810	2,200	590	2,900	<1	--	--	--	--	--	--	--	--
09/13/04 <sup>6,7</sup>	10.99	5.35	5.64	4,800	280	220	170	950	<0.5	--	--	--	--	--	--	--	--
03/02/05 <sup>6</sup>	10.99	6.67	4.32	39,000	2,900	5,700	2,700	7,900	<3	--	--	--	--	--	--	--	--
09/22/05 <sup>6</sup>	10.99	5.19	5.80	12,000	640	500	190	880	<0.5	--	--	--	--	--	--	--	--
03/30/06 <sup>6</sup>	10.99	6.89	4.10	57,000	1,700	4,500	3,500	9,500	<5	--	--	--	--	--	--	--	--
08/28/06 <sup>6</sup>	10.99	6.03	4.96	41,000	2,700	580	2,400	5,300	<5	--	--	--	--	--	--	--	--
03/05/07 <sup>6</sup>	10.99	6.59	4.40	25,000	1,800	930	1,600	2,600	<1	--	--	--	--	--	--	--	--
09/24/07 <sup>6</sup>	10.99	6.09	4.90	13,000	1,200	220	930	860	<2	--	--	--	--	--	--	--	--
03/06/08 <sup>6</sup>	10.99	6.11	4.88	22,000	1,100	1,700	1,100	4,300	<3	--	--	--	--	--	--	--	--
09/16/08 <sup>6</sup>	10.99	6.01	4.98	11,000	460	200	390	1,200	<0.5	--	--	--	--	--	--	--	--
03/02/09 <sup>6</sup>	10.99	6.74	4.25	25,000	450	1,600	2,000	6,000	<3	--	--	--	--	--	--	--	--
09/16/09 <sup>6</sup>	10.99	5.28	5.71	990	38	30	28	120	<0.5	--	--	--	--	--	--	--	--
03/04/10 <sup>6</sup>	10.99	5.97	5.02	540	9	10	0.7	82	<0.5	--	--	--	--	--	--	--	--
09/21/10 <sup>6</sup>	10.99	5.46	5.53	1,900	81	31	180	340	<0.5	--	--	--	--	--	--	--	--
03/09/11 <sup>6</sup>	10.99	6.62	4.37	11,000	380	120	980	1,500	<1	--	--	--	--	--	--	--	--
09/14/11 <sup>6</sup>	10.99	6.39	4.60	8,400	570	59	1,000	670	<5	--	--	--	--	--	--	--	--
03/21/12 <sup>6</sup>	10.99	6.24	4.75	35,000	1,300	550	2,200	3,800	<10	--	--	--	--	--	--	--	--
<b>09/15/12<sup>6</sup></b>	<b>10.99</b>	<b>6.01</b>	<b>4.98</b>	<b>7,500</b>	<b>1,200</b>	<b>390</b>	<b>650</b>	<b>1,100</b>	<b>&lt;3</b>	--	--	--	--	--	--	--	--
<b>MW-6</b>																	
07/06/90	6.56	-2.53	9.09	210	<0.3	<0.3	3.0	7.0	--	--	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	6.56	0.78	5.78	320	<0.3	0.3	1.0	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
08/23/91	6.56	-0.93	7.49	320	1.7	<0.5	2.1	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
11/22/91	6.56	-1.07	7.63	190	1.9	2.2	5.4	7.7	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
02/26/92	6.56	1.01	5.55	120	2.0	1.5	3.5	5.1	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	6.56	-0.38	6.94	160	1.1	0.6	0.9	1.0	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-						
											form (µg/L)	1,2-DCA (µg/L)	Frean (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
<b>MW-6 (cont)</b>																	
09/29/92	6.56	-0.24	6.80	65	0.5	1.4	0.5	0.64	--	--	<0.5	<0.5	--	<0.5	--	--	--
12/23/92	6.56	0.57	5.99	140	0.7	0.7	0.9	2.1	--	--	--	--	--	--	--	--	--
03/22/93	6.56	-0.51	7.07	71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/07/93	6.56	-1.05	7.61	85	<0.5	<0.5	2.0	1.0	--	--	--	--	--	--	--	--	--
09/10/93	6.56	1.88	4.68	<50	<0.5	<0.5	1.0	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	6.56	1.34	5.22	<50	<0.5	<0.5	<0.5	0.8	--	--	--	--	--	--	--	--	--
06/16/94	6.56	2.39	4.17	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/08/94	6.56	1.96	4.60	70	<0.5	0.6	<0.5	2.3	--	--	--	--	--	--	--	--	--
11/29/94	6.56	0.03	6.53	120	<0.5	<0.5	1.3	<0.5	--	--	--	--	--	--	--	--	--
03/21/95	6.56	-0.47	7.03	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/27/95	6.56	0.20	6.36	84	<0.5	<0.5	<0.5	1.1	--	--	--	--	--	--	--	--	--
09/27/95	6.56	2.21	4.35	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
12/29/95	6.56	0.41	6.15	<50	<0.5	<0.5	<0.5	<0.5	3.2	--	--	--	--	--	--	--	--
03/28/96	6.56	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/04/96	6.56	2.75	3.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
06/21/96	6.56	1.64	4.92	130	<0.5	<0.5	<0.5	0.66	<2.5	--	--	--	--	--	--	--	--
09/26/96	6.56	-0.18	6.74	130	<0.5	0.52	0.92	1.0	<2.5	--	--	--	--	--	--	--	--
12/19/96	6.56	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/22/97	6.56	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/29/97	10.23	3.45	6.78	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
09/12/97	10.23	3.97	6.26	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
12/05/97	10.23	3.95	6.28	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
02/21/98	10.23	3.88	6.35	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
08/17/98	10.23	4.33	5.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/11/99	10.23	4.88	5.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/28/99	10.23	4.61	5.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/00	10.23	4.64	5.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/29/00	10.23	4.52	5.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/21/01	10.23	4.75	5.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/10/01	10.23	5.04	5.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/06/02	10.23	4.77	5.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/14/02	10.23	4.99	5.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/03	10.23	4.74	5.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/02/03 <sup>4</sup>	10.23	4.43	5.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/26/04	10.23	UNABLE TO LOCATE - NEW LANDSCAPING IN AREA							--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro- form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
<b>MW-6 (cont)</b>																	
09/13/04	10.23	4.68	5.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/05	10.23	5.27	4.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/22/05	10.23	4.55	5.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/30/06	10.23	5.88	4.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/28/06	10.23	4.73	5.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/05/07	10.23	5.36	4.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/24/07	10.23	5.06	5.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/06/08	10.23	5.25	4.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/16/08	10.23	5.08	5.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/09	10.23	5.40	4.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/16/09	10.23	4.62	5.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/04/10	10.23	5.27	4.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/21/10	10.23	4.83	5.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/09/11 <sup>8</sup>	10.23	5.12	5.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/14/11	10.23	5.46	4.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/21/12	10.23	5.22	5.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>09/15/12</b>	<b>10.23</b>	<b>4.62</b>	<b>5.61</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-7</b>																	
07/06/90	4.99	-0.86	5.85	<50	<0.3	<0.3	<0.3	<0.6	--	<1,000	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	4.99	-1.26	6.25	<50	<1.5	<1.5	<1.5	<3.0	--	--	<0.5	<0.5	--	<0.5	--	--	--
08/23/91	4.99	-0.51	5.50	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
11/22/91	4.99	-0.74	5.73	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
02/26/92	4.99	0.15	4.84	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	4.99	0.10	4.89	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	4.99	-0.56	5.55	<50	<0.5	<0.5	<0.5	0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
12/23/92	4.99	0.12	4.87	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/22/93	4.99	0.94	4.05	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/07/93	4.99	0.36	4.63	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/10/93	4.99	-0.57	5.56	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	4.99	0.34	4.65	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/16/94	4.99	-0.08	5.07	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/08/94	4.99	-0.34	5.33	250	34	40	4.4	26	--	--	--	--	--	--	--	--	--
11/29/94	4.99	0.12	4.87	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC ( <i>ft.</i> )	GWE ( <i>mst</i> )	DTW ( <i>ft.</i> )	TPH-GRO ( <i>µg/L</i> )	B ( <i>µg/L</i> )	T ( <i>µg/L</i> )	E ( <i>µg/L</i> )	X ( <i>µg/L</i> )	MIBE ( <i>µg/L</i> )	TOG ( <i>µg/L</i> )	Chloro-						
											form ( <i>µg/L</i> )	1,2-DCA ( <i>µg/L</i> )	Frean ( <i>µg/L</i> )	1,1,1-TCA ( <i>µg/L</i> )	PCE ( <i>µg/L</i> )	1,2-DCPA ( <i>µg/L</i> )	1,2-DCE ( <i>µg/L</i> )
MW-7 (cont)	8.08	3.46	4.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/21/95	4.99	1.31	3.68	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/27/95	4.99	0.53	4.46	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
12/29/95	4.99	1.24	3.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
03/28/96	4.99	1.74	3.25	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
06/21/96	4.99	0.66	4.33	<50	<0.5	1.2	<0.5	<0.5	5.3	--	--	--	--	--	--	--	--
09/26/96	4.99	0.04	4.95	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
12/19/96	4.99	1.81	3.18	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
03/22/97	4.99	2.26	2.73	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
06/29/97	8.08	4.04	4.04	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
09/12/97	8.08	6.04	2.04	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
12/05/97	8.08	5.68	2.40	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
02/21/98	8.08	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/98	8.08	3.46	4.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/11/99	8.08	6.33	1.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/28/99	8.08	6.29	1.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/00	8.08	4.45	3.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/29/00	8.08	3.60	4.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/21/01	8.08	5.21	2.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/10/01	8.08	4.88	3.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/06/02	8.08	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/14/02	8.08	5.27	2.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/03	8.08	4.92	3.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/02/03 <sup>4</sup>	8.08	4.59	3.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/26/04	8.08	5.14	2.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/13/04	8.08	3.72	4.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/05	8.08	5.41	2.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/22/05	8.08	3.50	4.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/30/06	8.08	5.78	2.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/28/06	8.08	3.36	4.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/05/07	8.08	5.27	2.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/24/07	8.08	3.66	4.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/06/08	8.08	4.36	3.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/16/08	8.08	3.69	4.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/09	8.08	5.53	2.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/16/09	8.08	3.70	4.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-						
											form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCE (µg/L)	1,2-DCE (µg/L)
<b>MW-7 (cont)</b>	8.08	3.46	4.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/04/10	8.08	3.77	4.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/21/10	8.08	3.87	4.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/09/11 <sup>6,8</sup>	8.08	5.03	3.05	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/14/11	8.08	4.13	3.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/21/12	8.08	4.75	3.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>09/15/12</b>	<b>8.08</b>	<b>4.60</b>	<b>3.48</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-8</b>																	
07/06/90	6.77	2.79	3.98	<50	<0.3	<0.3	<0.3	<0.6	--	<1,000	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	6.77	2.04	4.73	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
08/23/91	6.77	2.01	4.76	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
11/22/91	6.77	1.04	5.73	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
02/26/92	6.77	2.47	4.30	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	6.77	3.11	3.66	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	6.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	6.77	3.94	2.83	<50	<0.5	7.2	0.6	2.5	--	--	--	--	--	--	--	--	--
03/22/93	6.77	2.39	4.38	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/07/93	6.77	1.60	5.17	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/10/93	6.77	1.61	5.16	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	6.77	2.06	4.71	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/16/94	6.77	2.62	4.15	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/08/94	6.77	1.66	5.11	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
11/29/94	6.77	1.94	4.83	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/21/95	6.77	0.94	5.83	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/27/95	6.77	0.57	6.20	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/27/95	6.77	1.62	5.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/29/95	6.77	2.22	4.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/96	6.77	2.55	4.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/21/96	6.77	3.41	3.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/96	6.77	2.65	4.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/19/96	6.77	3.83	2.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/22/97	6.77	3.88	2.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/29/97	9.88	6.92	2.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/12/97	9.88	7.11	2.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-						
											form (µg/L)	1,2-DCA (µg/L)	Frean (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
<b>MW-8 (cont)</b>																	
12/05/97	9.88	7.16	2.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/21/98	9.88	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED																	
03/09/11	9.88	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/11 <sup>6,8</sup>	9.88	7.43	2.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/14/11	9.88	6.56	3.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/21/12	9.88	8.83	1.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>09/15/12</b>	<b>9.88</b>	<b>6.48</b>	<b>3.40</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-9</b>																	
07/06/90	7.63	3.02	4.61	<50	<0.3	<0.3	<0.3	<0.6	--	<1,000	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	7.63	2.49	5.14	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
08/23/91	7.63	2.18	5.45	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
11/22/91	7.63	2.15	5.48	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
02/26/92	7.63	5.00	2.63	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	7.63	3.63	4.00	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	7.63	2.93	4.70	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
12/23/92	7.63	3.87	3.76	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
03/22/93	7.63	5.52	2.11	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/07/93	7.63	4.35	3.28	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/10/93	7.63	2.45	5.18	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	7.63	4.61	3.02	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/16/94	7.63	3.50	4.13	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/08/94	7.63	2.84	4.79	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
11/29/94	7.63	3.71	3.92	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/21/95	7.63	0.14	7.49	NOT SAMPLED DUE TO INSUFFICIENT WATER							--	--	--	--	--	--	--
06/27/95	7.63	5.73	1.90	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/27/95	7.63	3.68	3.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/29/95	7.63	5.08	2.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/96	7.63	5.43	2.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/21/96	7.63	4.98	2.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/96	7.63	4.27	3.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/19/96	7.63	5.02	2.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/22/97	7.63	5.30	2.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-						
											form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
<b>MW-9 (cont)</b>																	
06/29/97	10.74	7.85	2.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/12/97	10.74	7.33	3.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/05/97	10.74	8.00	2.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/21/98	10.74	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED																	
03/09/11	10.74	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/11 <sup>6,8</sup>	10.74	9.64	1.10	<50	<0.5	<0.5	<0.5	<0.5	5	--	--	--	--	--	--	--	--
09/14/11	10.74	8.79	1.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/21/12	10.74	8.75	1.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>09/15/12</b>	<b>10.74</b>	<b>7.65</b>	<b>3.09</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-1</b>																	
03/14/89	9.63	2.89	6.74	600	<0.2	<0.2	3.2	1.7	--	<3,000	1.0	<0.2	<20	<0.2	--	--	--
06/08/89	9.63	2.49	7.14	<50	<0.1	<0.5	<0.1	<0.2	--	--	<0.5	<0.1	<20	<0.1	--	--	--
09/14/89	9.63	2.42	7.21	<50	<0.2	<1.0	<0.2	<0.4	--	--	<1.0	<0.2	<1.0	0.7	--	--	--
12/08/89	9.63	2.34	7.29	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
03/19/90	9.63	2.63	7.00	190	0.8	<0.3	7.0	3.0	--	--	<0.5	<0.5	--	<0.5	--	--	--
07/06/90	9.63	2.50	7.13	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	9.63	2.10	7.53	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
08/23/91	9.63	2.57	7.06	150	5.0	11	3.5	10	--	--	<0.5	<0.5	--	<0.5	--	--	--
11/22/91	9.63	2.16	7.47	86	7.2	11	2.9	13	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
02/26/92	9.63	2.94	6.69	<50	<0.5	<0.5	<0.5	1.4	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	9.63	2.67	6.96	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	9.63	2.44	7.19	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
12/23/92	9.63	2.60	7.03	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/22/93	9.63	3.03	6.60	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/07/93	9.63	2.66	6.97	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/10/93	9.63	2.55	7.08	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	9.63	2.80	6.83	<50	<0.5	<0.5	<0.5	1.0	--	--	--	--	--	--	--	--	--
06/16/94	9.63	2.60	7.03	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/08/94	9.63	2.53	7.10	<50	1.3	1.5	<0.5	1.7	--	--	--	--	--	--	--	--	--
11/29/94	9.63	2.81	6.82	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--

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Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro- form (µg/L)	1,2-DCA (µg/L)	Frean (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
<b>MW-1 (cont)</b>																	
03/21/95	9.63	3.73	5.90	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/27/95	9.63	2.69	6.94	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/27/95	9.63	2.13	7.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ABANDONED																	
<b>MW-2</b>																	
03/14/89	8.99	2.91	6.08	<100	6.7	7.1	0.5	4.6	--	<3,000	<1.0	0.7	<20	<0.2	--	--	--
06/08/89	8.99	3.77	5.22	--	--	--	--	--	--	--	--	--	--	<0.2	--	--	--
06/09/89	8.99	--	--	<100	<0.2	<1.0	<0.2	<0.4	--	--	<1.0	<0.2	<20	<0.2	--	--	--
09/14/89	8.99	3.04	5.95	<50	<0.2	<1.0	<0.2	<0.4	--	--	<1.0	<0.2	<1.0	<0.2	--	--	--
12/08/89	8.99	-0.26	9.25	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
03/19/90	8.99	3.07	5.92	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
07/06/90	9.01	2.22	6.79	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	9.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/23/91	9.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DESTROYED																	
<b>MW-3</b>																	
03/14/89	8.19	2.16	6.02	<100	2.1	0.8	<0.2	2.0	--	<3,000	<1.0	3.0	<20	<0.2	--	--	--
06/08/89	8.19	2.30	5.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/09/89	8.19	--	--	<100	<0.5	<1.0	<0.2	<0.4	--	--	<1.0	3.3	<20	<0.2	--	--	--
09/14/89	8.19	1.88	6.30	<50	<0.2	<1.0	<0.2	<0.4	--	--	<1.0	2.2	<1.0	<0.2	--	--	--
12/08/89	8.19	-1.34	9.52	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	1.3	--	<0.5	--	--	--
03/19/90	8.19	2.01	6.17	<50	<0.3	<0.3	<0.3	<0.6	--	--	0.5	1.3	--	<0.5	--	--	--
07/06/90	8.19	0.67	7.52	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	8.19	0.88	7.31	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	0.83	--	<0.5	--	--	--
08/23/91	8.19	2.53	5.65	220	16	22	5.5	16	--	--	<0.5	0.6	--	<0.5	--	--	--
11/22/91	8.19	1.41	6.78	<50	<0.5	<0.5	<0.5	0.6	--	--	0.6	1.0	<0.5	<0.5	--	--	--
02/26/92	8.19	3.54	4.65	<50	4.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	8.19	2.63	5.56	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	8.19	1.96	6.23	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
12/23/92	8.19	2.37	5.82	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
03/22/93	8.19	3.27	4.92	<50	7.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
06/07/93	8.19	2.50	5.69	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
09/10/93	8.19	2.15	6.04	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro- form (µg/L)	1,2-DCA (µg/L)	Frean (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
<b>MW-3 (cont)</b>																	
03/07/94	8.19	3.04	5.15	<50	1.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
06/16/94	8.19	2.30	5.89	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
09/08/94	8.19	2.13	6.06	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	1.0	--	--
11/29/94	8.19	3.00	5.19	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/21/95	8.19	4.43	3.76	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/27/95	8.19	3.09	5.10	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/27/95	8.19	2.94	5.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ABANDONED																	
<b>TRIP BLANK</b>																	
12/08/89	--	--	--	<100	<0.1	<0.2	<0.1	<0.2	--	--	<0.5	<0.1	--	<0.1	--	--	--
06/09/89	--	--	--	<50	<0.5	<0.5	<0.1	<0.2	--	--	<0.5	<0.1	<20	<0.1	--	--	--
09/14/89	--	--	--	<50	<0.1	<0.5	<0.1	<0.2	--	--	<0.5	<0.1	<0.5	<0.1	--	--	--
12/08/89	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	4.4	<0.5	--	1.9	--	--	--
03/19/90	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
07/06/90	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	--	--	--	<50	<0.3	<0.3	<0.3	1.0	--	--	<0.5	<0.5	--	<0.5	--	--	--
08/23/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
11/22/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5	--	--	--	--
02/26/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
05/22/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/29/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
12/23/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/07/93	--	--	--	<50	<0.5	<0.5	<0.5	1.0	--	--	--	--	--	--	--	--	--
09/10/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/16/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/08/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
11/29/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/21/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/27/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/27/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
12/29/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC (fL)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-						
											form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
<b>TRIP BLANK (cont)</b>																	
03/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
06/21/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/26/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
12/19/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
03/22/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
06/29/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
09/12/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
12/05/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
02/21/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
08/17/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
03/11/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--	--	--	--	--
09/28/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--
03/14/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
08/29/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
03/21/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
09/10/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
<b>QA</b>																	
03/06/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--	--
09/14/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--	--
03/28/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--	--
09/02/03 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/26/04 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/13/04 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/02/05 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/22/05 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/30/06 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
08/28/06 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/05/07 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/24/07 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/06/08 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/16/08 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro- form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
QA (cont)																	
03/02/09 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
DISCONTINUED																	
09/15/12 <sup>6</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

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**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to August 29, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl Tertiary Butyl Ether

TOG = Total Oil and Grease

1,2-DCA = 1,2-Dichloroethane

1,1,1-TCA = 1,1,1-Trichloroethane

PCE = Trichloroethene

1,2-DCPA = 1,2-Dichloropropane

1,2-DCE = 1,2-Dichloroethene

(µg/L) = Micrograms per liter

-- = Not Measured/Not Analyzed

(D) = Duplicate

(T) = Triplicate

QA = Quality Assurance/Trip Blank

- 1 ORC installed.
- 2 Results reported were generated out of hold time.
- 3 Laboratory report indicates gasoline C6-C12.
- 4 ORC present in well.
- 5 Absorbent sock in well.
- 6 BTEX and MTBE by EPA Method 8260.
- 7 Removed ORC from well.
- 8 Well redeveloped.

**Table 2**  
**Dissolved Oxygen Concentrations**  
Former Chevron Service Station #9-0019  
210 Grand Avenue  
Oakland, California

<b>WELL ID</b>	<b>DATE</b>	<b>Pre-purge (mg/L)</b>	<b>Post-purge (mg/L)</b>
MW-4	09/10/01	2.60	--
MW-5	08/29/00	2.04	--
	03/21/01	4.60	--
	09/10/01	1.90	--
	03/06/02	2.10	--
	09/14/02	2.60	--
	03/28/03	0.30	--
	09/02/03	0.10	--
	03/26/04	1.20	--

**EXPLANATIONS:**

(mg/L) = Milligrams per liter

-- = Not Measured

**Table 3**  
**Groundwater Analytical Results-Oxygenate Compounds**  
Former Chevron Service Station # 9-0019  
210 Grand Avenue  
Oakland, California

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
<b>MW-4</b>						
09/28/99	<1,000	<200	<2.0	<2.0	<2.0	<2.0
09/02/03	--	--	<0.5	--	--	--
03/26/04	--	--	<0.5	--	--	--
09/13/04	--	--	<0.5	--	--	--
03/02/05	--	--	<0.5	--	--	--
09/22/05	--	--	<0.5	--	--	--
03/30/06	--	--	<0.5	--	--	--
08/28/06	--	--	<0.5	--	--	--
03/05/07	--	--	<0.5	--	--	--
09/24/07	--	--	<0.5	--	--	--
03/06/08	--	--	<0.5	--	--	--
09/16/08	--	--	<0.5	--	--	--
03/02/09	--	--	<0.5	--	--	--
09/16/09	--	--	<0.5	--	--	--
03/04/10	--	--	<0.5	--	--	--
09/21/10	--	--	<0.5	--	--	--
03/09/11	--	--	<0.5	--	--	--
09/14/11	--	--	<0.5	--	--	--
03/21/12	--	--	<0.5	--	--	--
09/15/12	<b>SAMPLED ANNUALLY</b>		--	--	--	--
<b>MW-5</b>						
09/28/99	<20,000	<4,000	<40	<40	<40	<40
09/02/03	--	--	<0.5	--	--	--
03/26/04	--	--	<1	--	--	--
09/13/04	--	--	<0.5	--	--	--
03/02/05	--	--	<3	--	--	--
09/22/05	--	--	<0.5	--	--	--
03/30/06	--	--	<5	--	--	--
08/28/06	--	--	<5	--	--	--
03/05/07	--	--	<1	--	--	--
09/24/07	--	--	<2	--	--	--
03/06/08	--	--	<3	--	--	--
09/16/08	--	--	<0.5	--	--	--

**Table 3**  
**Groundwater Analytical Results-Oxygenate Compounds**  
Former Chevron Service Station # 9-0019  
210 Grand Avenue  
Oakland, California

<b>WELL ID/ DATE</b>	<b>ETHANOL (µg/L)</b>	<b>TBA (µg/L)</b>	<b>MTBE (µg/L)</b>	<b>DIPE (µg/L)</b>	<b>ETBE (µg/L)</b>	<b>TAME (µg/L)</b>
<b>MW-5 (cont)</b>						
03/02/09	--	--	<3	--	--	--
09/16/09	--	--	<0.5	--	--	--
03/04/10	--	--	<0.5	--	--	--
09/21/10	--	--	<0.5	--	--	--
03/09/11	--	--	<1	--	--	--
09/14/11	--	--	<5	--	--	--
03/21/12	--	--	<10	--	--	--
<b>09/15/12</b>	--	--	<b>&lt;3</b>	--	--	--
<b>MW-6</b>						
03/09/11	--	--	<0.5	--	--	--
<b>MW-7</b>						
03/09/11	--	--	<0.5	--	--	--
<b>MW-8</b>						
03/25/11	--	--	<0.5	--	--	--
<b>MW-9</b>						
03/25/11	--	--	5	--	--	--
<b>TB</b>						
09/28/99	<1,000	<200	<2.0	<2.0	<2.0	<2.0

**Table 3**  
**Groundwater Analytical Results-Oxygenate Compounds**  
Former Chevron Service Station # 9-0019  
210 Grand Avenue  
Oakland, California

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**EXPLANATIONS:**

Groundwater laboratory analytical results prior to September 2, 2003, were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = t-Butyl alcohol

MTBE = Methyl Tertiary Butyl Ether

DIPE = di-Isopropyl ether

ETBE = Ethyl t-butyl ether

TAME = t-Amyl methyl ether

( $\mu\text{g/L}$ ) = Micrograms per liter

-- = Not Analyzed